

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5155	((340/438) or (340/439) or (340/573.1) or (340/575) or (340/576) or (340/686.1) or (340/686.2)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/06 16:17
L2	213061	(cord or wire or cable) with (contact or contacting)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 15:45
L3	10245	earpiece or ear piece	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 15:45
L4	2266520	(cord or wire or cable)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 15:46
L5	6534	(sleep or sleeping) with (prevent or preventing or prevented or prevention)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 15:45
L6	4	L2 and L3 and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 15:46
L7	1	1 and L4 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 15:45
L8	2866989	cord or wire or cable or string or thread	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 15:46
L9	44	1 and 8 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 15:56

## EAST Search History

L10	50	((("5402109") or ("5559495") or ("5682144") or ("5684461") or ("5982287") or ("6057768") or ("6236968") or ("4272764") or ("6242872") or ("5204667") or ("5415458") or ("5534846") or ("5953773") or ("6147612") or ("6183427") or ("6016103") or ("5570698") or ("5689241") or ("5745031") or ("5942979") or ("3903514") or ("4059830") or ("4259665") or ("4348652") or ("4363249") or ("4397531") or ("4485375") or ("4612655") or ("4928090") or ("4953111") or ("4970509") or ("4996515") or ("5012226") or ("5285186") or ("5353013") or ("5469143") or ("5483689") or ("5684462") or ("5684455") or ("5714925") or ("5745038") or ("5798695") or ("5813993") or ("5847648") or ("5900805") or ("5969616") or ("5990795") or ("6023227") or ("6087941") or ("6087942")).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/06 15:56
L11	161376	photoelectric eye or photoeye or photo eye or (photo or light) adj2 (detector or detecting) or (photo or light) adj2 (sensor or sensing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 16:08
L12	2988532	11 or 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 16:08
L13	45	1 and 5 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 16:09
L14	1	13 not 9	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 16:09
S1	4945	((340/438) or (340/439) or (340/573.1) or (340/575) or (340/576) or (340/686.1) or (340/686.2)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/06 15:44
S2	209331	(cord or wire or cable) with (contact or contacting)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:13

## EAST Search History

S3	9883	earpiece or ear piece	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:11
S4	148	driver with (sleep or sleeping) with (prevent or preventing or prevented or prevention)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:22
S5	1	S2 and S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:22
S6	1	S2 and S3 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:13
S7	229	S2 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:17
S8	2226491	(cord or wire or cable)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:13
S9	229	S7 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:13
S10	30	S3 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:17
S11	1067	((340/439) or (340/575) or (340/576)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/05 19:19
S12	6297	(sleep or sleeping) with (prevent or preventing or prevented or prevention)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:22
S13	0	S2 and S3 and12	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:22
S14	4	S2 and S3 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:42

## EAST Search History

S15	3	S11 and S12 and S8 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 20:03
S16	157469	photoelectric eye or photoeye or photo eye or (photo or light) adj2 (detector or detecting) or (photo or light) adj2 (sensor or sensing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/05/06 16:00
S17	121	S12 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:46
S18	11	S17 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 19:46
S19	3	S1 and S12 and S8 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 20:04
S20	14	S12 and S8 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 20:04
S21	1	S12 and S16 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 20:05
S22	14	S20 or S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/05 20:05